

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCHLake Carmel 7 1/2' quad.
Township Carmel

P121

Lake Carmel 7 1/2' quad
17.2 S
2.0 E
Carmel 15' quad
Y; 8.65; 1.1E

RECORD OF WELL

Locate well on plat of section.

1. Location: State N.Y. County Potnam
Nearest P. O. Mahopac Direction from P. O. West
Distance from P. O. 1/2 miles; 1/4 sec. 15, T. 15, R. 15
If in city, give street and number on Mahopac Lake
Town of Carmel
2. Owner: Wm. F. File "Moonflower Inn" Address Mahopac, N.Y.
Driller: Louis Malanchuk Address Croton Falls, N.Y.
3. Situation: Is well on upland, in valley, or on hillside? _____
4. Elevation of top of well: 665 ft. above the level of sea
(Above or below) (Sea, depot, lake, or stream)
5. Type of well: DR; kind of drilling rig used ST
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)
6. Depth of well: 115 ft.; year in which well was finished 1947
Does well enter rock? yes; if so, at what depth? 39 ft.; kind of rock _____
7. Diameter: At top 6 1/8 inches; at bottom 6 inches.
8. Principal water bed: Rock
(Gravel, sand, clay, or rock. If rock, state kind)
Depth to principal water bed _____ ft.; thickness of bed _____ ft.
If other water supplies were found, give depth to each _____
9. Casings: Kind steel; size 6; length 39 ft.; between depths of 0 and 39 ft.
Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.
Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.
- Packers (if any): Depth at which packers were used none; kind _____
- Screen or Strainer: Was well finished with screen? no; kind of screen _____;
length of screen _____ ft.; diameter _____ inches; size of openings _____
10. Head: Does well at present overflow without pumping? no; did it overflow when new? no;
if flowing, give pressure _____ lb. per sq. inch; or height water will rise in a pipe _____ ft. above surface;
original pressure or head _____; if not flowing, give water level in well 15 ft. below surface.
11. Pump: Is the well pumped? yes; kind of pump jet(?)
size or capacity of pump _____; kind of power electric
12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
well has been pumped at 22 gallons per minute continuously for 4 1/4 hours;
quantity of water ordinarily obtained from well _____ gallons per day. @ 80' - A.L.
13. Use: For what purpose is the water used? Dom
14. Quality of the water: _____; is there an analysis? _____
(Hard or soft, fresh or salty, etc.)
15. Cost of well, not including pump: _____ Temperature of water _____ ° F.

Name of person filling blank

Date

Address

On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.

6-5542

Duller's - LOG OF WELL from memory

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From—	To—		
Hardpan + boulders	0	39	39	possibly gravel on top of ledge.
Gravel rough latter rock	39	49	10	
Solid rock	49	115	66	
not given in duller report.				
* Well grouted with 6 Bags cement on inside of 8" pipe down about 50' as per duller record. * 11 ft. below pipe				
"Pretty good drilling in spots."				
Pumped ²⁵ 22 GPM for 2 hours with about 6.5 ft. of drawdown then pumped for 6 more hours at ²² 25 GPM for 6 more hrs. & it held at the pumping level pumping level.				

192.

Moonflower.

Drilling Report

Mahopac.

Father set up the machine here July 16, 1947. He started off with 8" pipe and drilled 8" hole into ledge. We put in 6 bags of grout on the inside of the pipe down about fifty feet and 11 feet below the pipe. 115 feet deep - 22 gals. - 39 feet casing. Level 16 feet. Pumped 4½ hours. Clean. Pretty good drilling in spots.